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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/805,774	
	Filing Date	March 22, 2004	
	First Named Inventor	Gail K. NAUGHTON	
	Art Unit	1651	
	Examiner Name		
Total Number of Pages in This Submission		Attorney Docket Number	55011/298886

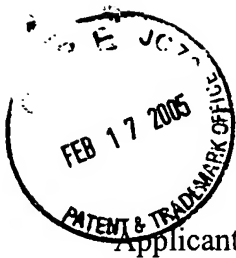
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<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Elena S. Polovnikova, Reg. No. 52,130
Signature	<i>Elena S. Polovnikova</i>
Date	February 15, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gail K. NAUGHTON

Serial Number: 10/805,774

Group Art Unit: 1651

Filing Date: March 22, 2004

Examiner:

Title: COMPOSITIONS AND METHODS FOR PRODUCTION AND USE OF AN
INJECTABLE NATURALLY SECRETED EXTRACELLULAR MATRIX

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Attorney Docket No.: 55011/298886

Date: 2/15/05

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with Rules 56, 97 and 98 of the Rules of Practice in Patent Cases (37 C.F.R. §§ 1.56, 1.97, and 1.98), the publications listed on the modified Form PTO/SB/08 are enclosed with this submission for consideration by the Examiner. The Office has waived the requirement under 37 C.F.R. 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003. Therefore, Applicant is not providing copies of the cited U.S. patents at this time.

Submission of the references provided in this Information Disclosure is not intended to constitute an admission that any reference referred to herein is prior art for this invention unless specially designated as such. Also, in accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

This Information Disclosure Statement is being filed pursuant to 37 C.F.R. 1.97(b), before issuance of a first Office action on the merits. Applicants believe that no fee is due for

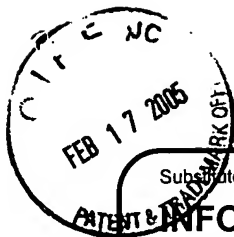
submission and consideration of this paper. The Commissioner is authorized to charge any fees associated with this filing or credit any overpayment to Deposit Account No. 11-0855.

Respectfully submitted,



Elena S. Polovnikova
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/805,774
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Examiner Name	
Attorney Docket Number	55011/298886

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		3,949,073	04/06/1976	Daniels, et al.	
		4,424,208	01/03/1984	Wallace, et al.	
		4,582,640	04/15/1986	Smestad, et al.	
		4,721,096	01/26/1988	Naughton, et al.	
		4,801,229	01/31/1989	Brendel, et al.	
		4,803,075	02/07/1989	Wallace, et al.	
		4,837,285	06/06/1989	Berg, et al.	
		4,963,489	10/16/1990	Naughton, et al.	
		4,969,912	11/13/1990	Kelman, et al.	
		5,002,071	03/26/1991	Harrell	
		5,032,508	07/16/1991	Naughton, et al.	
		5,160,490	11/03/1992	Naughton, et al.	
		5,204,382	04/20/1993	Wallace, et al.	
		5,266,480	11/30/1993	Naughton, et al.	
		5,288,617	02/22/1994	Mattick, et al.	
		5,332,802	07/26/1994	Kelman, et al.	
		5,342,765	08/30/1994	Irvine, et al.	
		5,397,352	03/14/1995	Burres	
		5,443,950	08/22/1995	Naughton, et al.	
		5,460,939	10/24/1995	Naughton, et al.	
		5,478,739	12/26/1995	Slivaka, et al.	
		5,516,532	05/14/1996	Atala, et al.	
		5,541,106	07/30/1996	Jones	
		5,830,708	11/03/1998	Naughton	
		6,284,284	09/04/2001	Naughton	
		2002/0019339 A1	02/14/2002	Naughton	
		2002/0038152 A1	03/28/2002	Naughton	
		2004/0180431 A1	09/16/2004	Naughton	

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March 22, 2004

First Named Inventor

Gail K. NAUGHTON

Group Art Unit

1651

Examiner Name

Attorney Docket Number

55011/298886

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Bedossa, <i>et al.</i> , "Quantitative Estimation of the Collagen Content in Normal and Pathologic Pancreas Tissue," <i>Digestion</i> , 44:7-13 (1989)	
		Dell'Orbo, <i>et al.</i> , "The dependency of collagen fibrillogenesis <i>in vitro</i> on fibroblast culture conditions. Fibroblasts in mono-and multi-layers," <i>Arch. Histol. Cytol.</i> 55(3):235-241 (1992)	
		Finkelstein, <i>et al.</i> , "Quantitative analysis of collagen content and amino acids in trabecular meshwork," <i>Br. J. Ophthalmol.</i> , 74(5):280-282 (1990)	
		Freshney, <i>Culture of Animal Cells. A Manual of Basic Technique</i> , 2d Ed., A. R. Liss, Inc., New York, Chap. 9, pp. 107-126 (1987)	
		Freshney, <i>Culture of Animal Cells. A Manual of Basic Technique</i> , 2d Ed., A. R. Liss, Inc., New York, Chap. 11 and 12, pp. 137-168 (1987)	
		Gospodarowicz, <i>et al.</i> , "Factors Controlling the Proliferative Rate, Final Cell Density, and Life Span of Bovine Vascular Smooth Muscle Cells in Culture," <i>J. Cell. Biol.</i> , 89:568-578 (1981)	
		Gralnick, <i>et al.</i> , "Factor VIII", <i>Annals of Internal Medicine</i> , 86:598-616 (1977)	
		James, <i>et al.</i> , "Sirius Red histophotometry and spectrophotometry of sections in the assessment of the collagen content of liver tissue and its application in growing rat liver," <i>Liver</i> 10(1):1-5 (1990)	
		Larson, <i>et al.</i> , "Junctional Transfer of Small Molecules in Cultured Bovine Brain Microvascular Endothelial Cells and Pericytes", <i>Microvascular Research</i> , 34:184-199 (1987)	
		Naughton, <i>et al.</i> , "Hematopoiesis on Nylon Mesh Templates", <i>Journal of Medicine</i> 18(Nos. 3 & 4):219-250 (1987)	
		Nusgens, <i>et al.</i> , "Collagen biosynthesis by cells in a tissue equivalent matrix <i>in vitro</i> ," <i>Coll. Relat. Res.</i> , 4(5):351-363 (1984)	
		Oliver, <i>et al.</i> , "Hydroxyproline Turnover in Dermal Collagen Grafts in Reconstructed Skin Wounds in the Rat," <i>Connective Tissue Research</i> , 9:59-62 (1981)	
		Oliver, <i>et al.</i> , "Effect of Aldehyde Cross-Linking on Human Dermal Collagen Implants in the Rat," <i>British Journal of Experimental Pathology</i> , 61:544-549 (1980)	
		Oliver, <i>et al.</i> , "Histological Studies of Subcutaneous and Intraperitoneal Implants of Trypsin-Prepared Dermal Collagen Allografts in the Rat", <i>Clinical Orthopaedics and Related Research</i> , 115:291-302 (1976)	

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Sheet 3 of 3

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Ponten and Westermarck, "Cell Generation and Aging of Nontransformed Glial Cells from Adult Humans,, In Federof, S.Hertz, L., eds. <i>Advances in Cellular Neurobiology</i> , vol. 1, New York Academic Press, pp. 209-227 (1980)	
		Schechter, <i>et al.</i> , "Prolonged Retention of Glutaraldehyde-Treated Skin Homografts in Humans", <i>British Journal of Plastic Surgery</i> , 28:198-202 (1975)	
		Walsh, <i>et al.</i> , "Microplate Reader-Based Quantitation of Collagens," <i>Analyt. Biochem</i> , 203:187-190 (1992)	

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